



UMODPC



Convoy  
Movement Forms  
& Calculations  
612-402-02



## Convoy Operations and the UMO



- Once given certain information about the highway movement (start times, end times, rest halts & locations), the UMO:
  - Prepares road movement graph
  - Prepares DD Forms 1265 & 1266
- The UMO should know the basic terms and formulas that are used in road movement planning



## Terminology



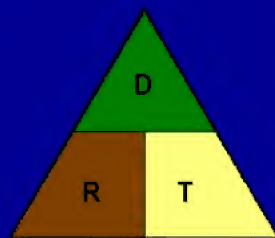
- Distance (D): How far a march column travels expressed in miles or kilometers
- Time (T): How long it takes to complete a move, including halts
- Rate (R): Kilometers or miles traveled in the hour (speed)



## Distance, Rate & Time



- The three basic march factors are: Distance, Rate & Time
- When two of the three factors are known, the third can be found by a simple math equation





## Calculate Distance



- $D = R \times T$

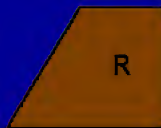




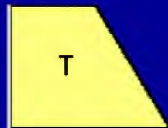
## Calculate Rate



- $R = \frac{D}{T}$



=

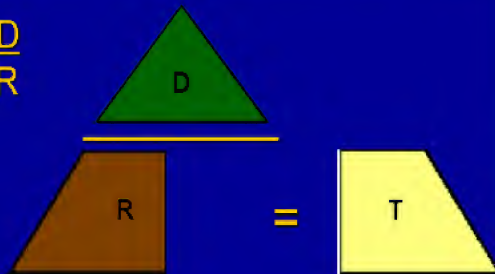




## Calculate Time



- $T = \frac{D}{R}$







## Time Distance Calculations



- Time Distance:
  - The time required to move from one point to another at a given rate of march (Move from SP to CP1)

$$\frac{\text{Distance X 60}}{\text{Rate}} = \text{Time}$$

$$\frac{11 \times 60}{40} = \frac{660}{40} = 16.5 \text{ minutes} = 17 \text{ minutes}$$

(Always round up)





## D, R & T & DD Form 1265



- Computation of the time it will take to arrive and depart a particular point is crucial
- Computation results in ETAs and ETDs of march  
column at state lines, major road junctions, bridges, tunnels, checkpoints & other critical points
- Must determine "Pass Time"



## Pass Time



- Pass Time: The length of time it takes for a serial or march unit to pass a fixed point
- Knowing how to compute pass time is essential to a planner who must calculate a convoy's ETD from a checkpoint



## Pass Time Computation



- 1 Determine checkpoint time of arrival of the first vehicle in the convoy (distance/rate)
- 2 Compute the convoy's pass time
- 3 Add the two results (factoring in any halt time) together



## Pass Time Computation (Cont)



Pass time (minutes) =

$$\frac{\text{Number of Vehicles} \times 60}{\text{Density} \times \text{Rate}} =$$

Pass time + Time Gaps/Extra Time



## Road Movement Calculations -- Density



- Density: Is the number of vehicles in a mile
  - TB 55-46-1 (Length of Vehicle)
  - Vehicle length is in inches
  - Add all vehicle lengths together
  - Divide by the number of vehicles
  - Divide the average length in inches by 36  
(36 inches in a yard)
  - Equals average vehicle length in yards



## Road Movement Calculations -- Density - cont.



- Density:

$$\text{Density} = \frac{1760 \text{ yards (1 mile)}}{\text{Vehicle gap in yards} + \text{average vehicle length in yards}}$$

Avg Vehicle Gap = 100 YDS   Avg Vehicle Length = 10YDS

$$\text{Density} = \frac{1,760}{100+10} = 16 \text{ VPM}$$



## Road Movement Calculations -- Density - cont.



- Density: Is the number of vehicles in a mile
- TB 55-46-1 (Length of Vehicles)

M915/ M872	_____	M 929A2	_____
M35A2C /M149	_____	M 931A2	_____
M931/M871	_____	M 998	_____
M127A2C	_____	M923A2	_____
M35A2C	_____	M109 WWN	_____





## Road Movement Calculations -- Density (Cont)



- TB 55-46-1 (Length of Vehicles)

<u>VEHICLE</u>	<u>LENGTH</u>	<u>VEHICLE</u>	<u>LENGTH</u>
M915/ M131A4C	542	M 929A2	276
M35A2C /M149	427	M 931A2	265
M931/M871	492	M998	187
M127A2C	352	M923A2	312
M35A2C	265	M109 WWN	282

- Add all vehicle lengths: 3400 inches
- Divide by the number of vehicles: 10 Vehicles
- $3400 \text{ inches} / 10 = 340$  (Avg length of a vehicle)



## Road Movement Calculations -- Density (Cont)



- Density:
  - Divide the average length of vehicle: 340 inches
  - By 36: (36 inches in a yard)

$$\frac{340}{36} = 9.44 = 10 \text{ YARDS}$$

- Always round up to the next yard



## Road Movement Calculations -- Density (Cont)



- Density:

$$\text{Density} = \frac{1760 \text{ yards (1 mile)}}{\text{Vehicle gap in yards} + \text{average vehicle length in yards}}$$

Avg Vehicle Gap = 100 YDS

Avg Vehicle Length = 10 YDS

$$\text{Density} = \frac{1,760}{100+10} = \frac{1,760}{110} = 16 \text{ VPM}$$



## Road Movement Calculations -- Pass Time



- Pass Time / Time Length:
  - Length of time it takes for the entire march column to pass a fixed point

$$\text{Pass Time (in mins)} = \frac{\text{Number of Vehicles X 60}}{\text{Density X Rate}} + \text{Time Gaps or Extra Time}$$



## Road Movement Calculations - - Pass Time (Cont)



- Pass Time / Time Length:

$$\text{Pass Time (in min)} = \frac{\text{Number of vehicles} \times 60}{\text{Density} \times \text{Rate}}$$

$$\frac{20 \times 60}{20 \times 45} = \frac{1200}{900} = 1.33$$

= 2 minutes (always round up)



## Road Movement Calculations -- Time Gap



① + 0 FOR THE TIME GAP

$$\frac{20 \times 60}{20 \times 45} = \frac{1200}{900} = 1.33 = 2 \text{ mins} + 0 = 2$$

(always round up)                      (time gap)    (Mins)

② + 20 MIN FOR THE TIME GAP

$$\frac{20 \times 60}{20 \times 45} = \frac{1200}{900} = 1.33 = 2 \text{ mins} + 20 = 22$$

(always round up)                      (time gap)    (Mins)



DD Form 1265  
&  
DD Form 1266





## DD Form 1265 Request for Convoy Clearance



- DD Form 1265 is the form completed by the UMO to request convoy clearance
- No convoy movement is permitted over public highways without a convoy clearance number (CCN)



## DD Form 1265

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## DD Form 1265 (Cont)



REQUEST FOR CONVOY CLEARANCE	1. CONVOY NUMBER <b>FE 0059 039 C</b>	2. UIC <b>WADSAA</b>	3. DATE <b>00/08/28</b>
SECTION I - GENERAL			

Block 1: Convoy Number

Block 2: UIC

Block 3: Date



## DD Form 1265 (Cont)



SECTION - GENERAL		
4. ORGANIZATION	5. STATION	6. CONVOY COMMANDER
100th Trans Co (Lt Mdm Trk)	Bldg, 1234, Fort Eustis, VA 23604	John J. Jones 1LT, TC

Block 4: Organization

Block 5: Station

Block 6: Convoy Commander



## DD Form 1265 (Cont)



7. PERSONNEL STRENGTH		8. POINT OF ORIGIN		9. DESTINATION	
a. OFFICER	b. ENLISTED	c. ADDRESS		d. LOCATION	
1	47	Fort Eustis, VA 23604		Camp A.P. Hill, Virginia	
e. DUTY POSITION	f. GRADE	g. NAME		h. RATE OR GRADE	

Block 7: Personnel Strength

a. Officer b. Enlisted

Block 8: Point of Origin

Block 9: Destination



## DD Form 1265 (Cont)



10. DATE AND TIME	4. DEPARTURE 8/28/01 0700	5. ARRIVAL 8/28/01 1002	11. RATE OF MARCH 45 MPH 50 MAX
SECTION II - CONVOY COMPOSITION			
12. NUMBER OF EACH TYPE OF VEHICLE AND DESCRIPTION (include towed equipment)			

Block 10: Date & Time

a. Departure b. Arrival

Block 11: Rate of March



## DD Form 1265 (Cont)



SECTION B - CONVOY COMPOSITION					
12. NUMBER OF EACH TYPE OF VEHICLE AND DESCRIPTION (Include towed equipment)					
1 1/4-ton Truck, Utility					
20 5 ton Tractor w/19 stake and Platform Semitrailers (1 bobtail)					
1 5 ton Wrecker					
List of vehicles by type and model number. Include total number of each type and match vehicles with their assigned trailers.					
13. TOTAL NUMBER	14. NUMBER OF	15. NO. OF SERIALS	16. TIME INTERVAL	17. NO. OF MARCH	18. TIME INTERVAL

### Block 12: Number of Each Type of Vehicle & Description





## DD Form 1265 (Cont)



13. TOTAL NUMBER OF VEHICLES	14. NUMBER OF CIVILIAN OVERSIZE/WEIGHT VEHICLES	15a. NO. OF SERIALS	15. TIME INTERVAL	16a. NO. OF MATCH UNITS	16. TIME INTERVAL
22	1	3	30		

SECTION II - ROUTE DATA

Block 13: Total Number of Vehicles

Block 14: Number of Oversize/Overweight Vehicles

Block 15a: No. of Serials    b: Time Interval



## DD Form 1265 (Cont)



13. TOTAL NUMBER OF VEHICLES	14. NUMBER OF OVERSIGHT VEHICLES	15. NO. OF SERIALS	16. TIME INTERVAL	17. NO. OF MARCH UNITS	18. TIME INTERVAL
22	21	3	30	2	10
SECTION II - ROUTE DATA					

Block 16a: No. of March Units    b: Time Interval



## DD Form 1265 (Cont)



SECTION II - ROUTE DATA
11. PROPOSED ROUTING (Indicate all Routes, Show Routes, etc.)
Ft Eustis to Interstate 64, State Route 168, Interstate 64, Interstate 95, State Route 207, U.S 301 to Camp A.P Hill
List street/highway/road routing in order of use from Starting Point (SP) to Release Point ((RP).

Block 17: Proposed Routing (Indicate US Routes, State Routes, etc.)



## DD Form 1265 (Cont)



Block 18: List location of each halt and critical points

18. ETA AND ETD AT STATE LINES, MAJOR ROAD JUNCTIONS, MAJOR BRIDGES AND TUNNELS, METROPOLITAN AREAS AND OVERNIGHT HALT SITES (Continue on a separate sheet if additional space is required)				
a. LOCATION	b. ETA	c. DATE (12/11/00)	d. ETD	e. DATE (12/11/00)
I-64	0700	2001/09/15	0705	2001/09/15
Rt # 168	0732		0737	
15 min-Rest Halt. Rt #33	0754		0814	
I-64	0835		0840	
I-95	0859		0904	
Rt 207-301	0957		1002	

SECTION IV - LOGITICAL DATA

a. Location   b. ETA   c. Date   d. ETD   e. Date



## DD Form 1265 (Cont)



SECTION IV - LOGISTICAL DATA	
19. BRIEF GENERAL DESCRIPTION OF CARGO (Brief general description, i.e., organizational shipment units, etc.) (Within security limitations)	
List general description of cargo.	
Examples:	
▪ Troops with or without weapons	▪ Any sensitive documents
▪ Tanker filled or empty	▪ Hazardous Cargo

DD FORM 1265, 5 SEP 1998 (EG)      PREVIOUS EDITION IS OBSOLETE      Designed using: Textform Pro, 9/98/0006, Sep 98

**Block 19:** Description of Load (a brief general description within security limitations)



## DD Form 1265 -- Back



20. ARE EXPLOSIVES TO BE TRANSPORTED?		YES	<input checked="" type="checkbox"/> NO (If YES, describe below)
a. CLASS	b. AMOUNT	c. DESCRIPTION	d. VEHICLES TO BE USED
			(1) NO. (2) TYPE
		N/A	
21. STATEMENT WITH EXPLOSIVES CANNOT BE TRANSPORTED COMMERCIALLY (Movements involving explosives and/or other dangerous articles are required to comply with all applicable regulations or directives)			

Block 20: Are explosives to be transported?

If no then mark box and place N/A in center





## DD Form 1265 -- Back (Cont)



20. ARE EXPLOSIVES TO BE TRANSPORTED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO (If YES, describe below)			4. VEHICLES TO BE USED	
a. CLASS	b. AMOUNT	c. DESCRIPTION	(1) NO.	(2) TYPE
13C	60 lbs	Cartridges, for small arms, blank		
21. STATEMENT WHEN EXPLOSIVES CANNOT BE TRANSPORTED COMMERCIALLY (Movements involving explosives and/or other dangerous articles are required to comply with all applicable regulations or directives)				

Block 20: Are explosives to be transported?

If yes, describe: Column a: Class

Column b: Amount Column c: Description





## DD Form 1265 -- Back (Cont)



20. ARE EXPLOSIVES TO BE TRANSPORTED?		YES		NO (If YES, describe below)	
a. CLASS	b. AMOUNT	c. DESCRIPTION	4. VEHICLES TO BE USED		
			(1) NO.	(2) TYPE	
1.3C	60 lbs	Cartridges for small arms, blank	1	1 1/2 ton Trk	
21. STATEMENT WHY EXPLOSIVES CANNOT BE TRANSPORTED COMMERCIALY (If comments involving explosives and/or other dangerous articles are required, refer to applicable regulations or directives)					
Time constraints do not allow commercial shipping					

Block 20: Column d: Vehicles to be used

(1) No. (2) Type

Block 21: Statement why explosives cannot be transported commercially



## DD Form 1265 -- Back (Cont)



22. LOGISTICAL SUPPORT REQUIRED AT OVERNIGHT HALT SITES? <input type="checkbox"/> YES <input type="checkbox"/> NO						
<small>(If "YES", complete the following) (Use separate sheet if additional space is required)</small>						
a. DATE (YYYY/MM/DD)	b. INSTALLATION	c. GAS (gals)	d. OIL (gals)	e. RATIONS	f. BILLET	g. OTHER

**Block 22:** Logistical Support Required at Overnight Halt Sites? Yes or No

If yes, complete the following: a: DATE (YYYY/MM/DD)

b: INSTALLATION c: GAS (gals) d: OIL (gals)

e: RATIONS f: BILLETS g: OTHER



## DD Form 1265 -- Back (Cont)



### Block 23: Remarks

#### 23. REMARKS

This block is to be used to inform the chain of command of any unique convoy requirements.

- Planned location of fuel and meal halts.
- Types of radios
- Specific support requirements.
- List each oversized/over weight vehicle (truck or truck trailer combinations) with load description.

Note: Enter name, rank, telephone and fax number of convoy point of contact (POC) during normal duty hours.

24. REQUESTING AGENCY

25. APPROVING AGENCY



## DD Form 1265 -- Back (Cont)



24. REQUESTING AGENCY <b>100th Trans Co. (Lt Mdm Trk)</b>		25. APPROVING AGENCY	
26. REQUESTED BY		27. APPROVED BY	
a. NAME (Last, First, Middle Initial) <b>Chestnut Charles C.</b>		a. NAME (Last, First, Middle Initial)	
b. GRADE <b>03</b>	c. TITLE <b>Operations Officer</b>	b. GRADE	c. TITLE
d. SIGNATURE <b>Charles C. Chestnut.</b>	e. DATE/TIME SIGNED <b>2001/08/28</b>	d. SIGNATURE	e. DATE/TIME SIGNED

INSTRUCTIONS: In cases where bona fide emergencies exist, the information contained on DD Form 1265 and DD Form 1266

Approved through  
ITO/ UMC

Block 24: Requesting Agency

Block 26: Requested By:

Name, Grade, Title, Signature, & Date



## DD Form 1266 Request for Special Hauling Permit



- Completed by UMO or alternate UMO
- Forwarded in same channels as DD Form 1265
- Used to obtain special hauling permits for highway movement of oversize/overweight vehicles (as part of a convoy or separately)
- Reference: FM 55-30, Appendix E



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## DD Form 1266 (Cont)



REQUEST FOR SPECIAL HAULING PERMIT	1. CONVOY NUMBER	2. UIC	3. DATE/TIME (MM/YY)
	VA 00081 C	WADSAA	0000/08/28
SECTION I - GENERAL			
4. ORGANIZATION	5. STATION	6. DATE OF MOVEMENT (MM/YY/HH)	

Block 1: Convoy Number

Block 2: UIC

Block 3: Date





## DD Form 1266 (Cont)



SECTION 1 - GENERAL			
4. ORGANIZATION	5. STATION	6. DATE OF MOVEMENT (YYYYMMDD)	
		a. STARTING	b. COMPLETION
100th Trans Co (Lt Mdm Trk)	Fort Eustis, VA 23604	0000/08/28	0000/08/28

Block 4: Organization

Block 5: Station

Block 6: Date of Movement:

a. Starting b. Completion



## DD Form 1266 (Cont)



7. POINT OF ORIGIN <b>Ft Eustis, VA</b>		8. DESTINATION <b>CAMP A.P Hill, VA</b>	
9. ARRIVAL AT STATE LINES a. DATE (YYYYMMDD)		10. ROUTING (Dispute US Routes, State Routes, etc.)	
b. TIME		c. STATE LINE	
11. ESCORT REQUIREMENTS			

Block 7: Point of Origin

Block 8: Destination

Block 9: Arrival at State Lines:

a. Date b. Time c. State Line



## DD Form 1266 (Cont)



7. POINT OF ORIGIN Ft Eustis, VA		8. DESTINATION CAMP A.P Hill, VA	
9. ARRIVAL AT STATE LINE N/A		10. ROUTING (Regulate T.E. Routes, State Routes, etc.) Ft Eustis to I-64, ST Rt #168, ST Rt #33, I-64, I-95, ST Rt# 207, ST Rt#301, to Camp A. P. Hill	
6. DATE (YYYYMMDD)	5. TIME	4. STATE LINE	
11. ESCORT REQUIREMENTS Escorts are required Front and Rear			

SECTION II. VEHICLE AND LOAD DATA

Block 10: Routing

Block 11: Escort Requirements



## DD Form 1266 (Cont)



### Section II - Vehicle and Load Data

SECTION II - VEHICLE AND LOAD DATA							
DESCRIPTION a.	TYPE (Truck, etc.) b.	NO. OF VEHICLES c.	REGISTRATION NUMBER d.	HEIGHT e.	WIDTH f.	LENGTH g.	WEIGHT h.
12. VEHICLE							
(1) TRUCK							(lb)(kg)
(2) TRUCK/TRACTOR							(lb)(kg)
(3) TRAILER							(lb)(kg)
(4) SEMI-TRAILER							(lb)(kg)
(5) OTHER (Specify)							(lb)(kg)
13. LOAD							
14. OVERALL (Vehicle and load)							
15. DESCRIPTION OF LOAD (Brief general description. Organization impediments, etc.) (If this security limitation)							



## DD Form 1266 (Cont)



### Section II - Vehicle and Load Data

SECTION II - VEHICLE AND LOAD DATA							
DESCRIPTION a.	TYPE (Ref. 1) b.	NO. OF VEHICLES c.	REGISTRATION NUMBER d.	HEIGHT e.	WIDTH f.	LENGTH g.	WEIGHT h.
12. VEHICLE							
(1) TRUCK							(Reg'd)
(2) TRACTOR M915	25 ton						(Reg'd)
(3) TRAILER							(Reg'd)
(4) SEMITRAILER M872	34 ton						(Reg'd)
(5) OTHER (Specify)							(Reg'd)
13. LOAD							

Block 12 Vehicle Column a: Description



## DD Form 1266 (Cont)



SECTION I - VEHICLE AND LOAD DATA							
DESCRIPTION a.	TYPE (If item, etc.) b.	NO. OF VEHICLES c.	REGISTRATION NUMBER d.	HGSET e.	WGTH f.	LENGTH g.	WEIGHT h.
12. VEHICLE							
(1) TRUCK							(Specify)
(2) TRUCKTRACTOR M915	25 ton	1	9T1234				(Specify)
(3) TRAILER							(Specify)
(4) GMM TRAILER M872	34 ton	1	8T9872				(Specify)
(5) OTHER (Specify)							(Specify)

Block 12: Vehicle - Columns b. Type (2-Ton, etc)

c. No. of Vehicles

d. Registration No.



## DD Form 1266 (Cont)



SECTION E - VEHICLE AND LOAD DATA							
DESCRIPTION c.	TYPE (if not other) d.	NO. OF VEHICLES e.	REGISTRATION NUMBER f.	HEIGHT g.	WIDTH h.	LENGTH i.	WEIGHT j.
12. VEHICLE							
(1) TRUCK							(empty)
(2) TRUCK/TRACTOR M915		1	1234	131	123	269	18 621
(3) TRAILER							(empty)
(4) SEMITRAILER M872		1	9872	58/106	96	490	17 390
(5) OTHER (Specify)							(empty)

Block 12: Vehicle - Columns

e. Height f. Width g. Length h. Weight





## DD Form 1266 (Cont)



SECTION II - VEHICLE AND LOAD DATA							
DESCRIPTION a.	TYPE (2-604, etc.) b.	N.O. OF VEHICLES c.	REGISTRATION NUMBER d.	HEIGHT e.	WIDTH f.	LENGTH g.	WEIGHT h.
(Open)							
13. LOAD	MILVAN			149	96	242	30,000
14. OVERALL (Vehicle and load)							
15. DESCRIPTION OF LOAD (Brief general description - Organization requirements, etc.) (When security implications)							

Line 13: Load --

e. Height, f. Width, g. Length, h. Weight



## DD Form 1266 (Cont)



SECTION B- VEHICLE AND LOAD DATA							
DESCRIPTION a.	TYPE (Class, etc.) b.	NO. OF VEHICLES c.	REGISTRATION NUMBER d.	HEIGHT e.	WIDTH f.	LENGTH g.	WEIGHT h.
12. VEHICLE							
13. LOAD	MILVAN			149	96	242	30,000
14. OVERALL (Vehicle and load)				207	123	659	66,011
15. DESCRIPTION OF LOAD (Brief general description: Organization, equipment, etc.) (If both security limitations)							

Line 14: Overall (Vehicle and Load) --  
e. Height, f. Width g. Length, h. Weight



## DD Form 1266 (Cont)



15. DESCRIPTION OF LOAD (brief general description, Organization requirements, etc.) (If above security limitations)

One MILVAN

**Block 15:** Description of Load (a brief general description within security limitations)



## DD Form 1266 (Cont)



10. LOAD OVERHANG			
a. FRONT	b. REAR	c. LEFT SIDE	d. RIGHT SIDE
N/A	N/A	N/A	N/A

DD FORM 1266, 5 SEP 1998 (BIO) PREVIOUS EDITION IS OBSOLETE Designed as per: 3000-100-000, Sep 98

### Block 16: Load Overhang

a. Front   b. Rear   c. Left Side   d. Right Side



## DD Form 1266 -- Back



17. NUMBER OF AXLES	1	2								
	A	B	C	D	E	F	G	H		
	AXLE 1 a	AXLE 2 b	AXLE 3 c	AXLE 4 d	AXLE 5 e	AXLE 6 f	AXLE 7 g	AXLE 8 h	TOTAL i	
18. NUMBER OF TIRES										
19. TIRE WIDTH (Inches)										
20. TIRE SIZE										
21. AXLE LOAD (Weight)										
22. AXLE LOAD (Load)										
23. AXLE SPACING (See Para 2.1 for abbreviations)	A SPACING	D SPACING	E SPACING	F SPACING	G SPACING	H SPACING	I SPACING	J SPACING		

Lines 17 to 23  
with associated  
columns a. to i.



## DD Form 1266 -- Back (Cont)



17. NUMBER OF AXLES	1	2	3	4	5	6	
	A	B	C	D	E	F	G
	AXLE 1 a	AXLE 2 b	AXLE 3 c	AXLE 4 d	AXLE 5 e	AXLE 6 f	AXLE 7 g

Block 17: Axle Numbers correspond to columns



## DD Form 1266 -- Back (Cont)



Block 18:  
Number  
of Tires

Block 19:  
Tire Width  
(Inches)

Block 20:  
Tire Sizes

17. NUMBER OF AXLES	1	2	3	4	5	6			
	A	B	C	D	E	F	G	H	
18. NUMBER OF TIRES	AXLE 1 a	AXLE 2 b	AXLE 3 c	AXLE 4 d	AXLE 5 e	AXLE 6 f	AXLE 7 g	AXLE 8 h	TOTAL i
19. TIRE WIDTH (Inches)	22	44	44	44	44	44			
20. TIRE SIZES	1100 x20	1100 x20	1100 x20	1100 x20	1100 x20	1100 x20			
21. ASSESS LOAD (Weight)									
22. ASSESS LOAD (Capacity)									
23. ASSESS SPACING (See Note 1 for abbreviations)	AIRBORNE	BOMBING	CRAWLING	DIGGING	ENTRANCING	FINANCING	CHANGING	BURNING	
24. REMARKS									





## DD Form 1266 -- Back (Cont)



17. NUMBER OF AXES	① A	① B	③ C	④ D	③ E	⑥ F	① G	① H	
	AXIS a	AXIS b	AXIS c	AXIS d	AXIS e	AXIS f	AXIS g	AXIS h	TOTAL
18. NUMBER OF TIMES	2	4	4	4	4	4			22
19. TIME (hours)	22	44	44	44	44	44			242
20. TIME (min)	1100 x20	1100 x20	1100 x20	1100 x20	1100 x20	1100 x20			
21. AXLE LOAD (lb/ft <sup>2</sup> )									36011
22. AXLE LOAD (crush)									66011
23. AXLE SPACING (See Item 17 for abbreviations)	A SPACING	B SPACING	C SPACING	D SPACING	E SPACING	F SPACING	G SPACING	H SPACING	
24. REMARKS									

Line 18 i  
Line Total

Line 19 i  
Line Total

Line 21 i  
Line Total

Line 22 i  
Line Total



Table N-1, FM 55-30



Percentages for axle weight distribution

Number of Axles per Vehicle	Type of Vehicle	Axle 1	Axle 2	Axle 3	Axle 4	Axle 5	Axle 6
3	1-1/4ton	.38	.31	.31			
	2-1/2ton	.32	.34	.34			
	5 ton	.26	.37	.37			
	10 ton	.24	.38	.38			
5	Semitrailer	.14	.21	.21	.22	.22	
6	Semitrailer	.08	.22	.22	.16	.16	.16



## DD Form 1266 -- Back (Cont)



Block 21:  
Axle Load  
(Empty)

Block 22:  
Axle Load  
(Loaded)

17. NUMBER OF AXLES	1 A	2 B	3 C	4 D	5 E	6 F	G	H	TOTAL
	AXLE 1 a	AXLE 2 b	AXLE 3 c	AXLE 4 d	AXLE 5 e	AXLE 6 f	AXLE 7 g	AXLE 8 h	
18. NUMBER OF TIRES	2	4	4	4	4	4			22
19. TIRE WIDTH (inches)	22	44	44	44	44	44			242
20. TIRE SIZE	1100 x20	1100 x20	1100 x20	1100 x20	1100 x20	1100 x20			
21. AXLE LOAD (Empty)	2881	7922	7922	5672	5672	5672			36011
22. AXLE LOAD (Loaded)	5281	14522	14522	10562	10562	10562			66011
23. AXLE SPACING (in feet 1/16 increments)	4.00000	5.00000	5.00000	5.00000	5.00000	5.00000	5.00000	5.00000	
24. REMARKS									

UMQDPC



## DD Form 1266 -- Back (Cont)



Block 23:  
Axle  
Spacing

17. NUMBER OF AXLES	1	2	3	4	5	6			
	A	B	C	D	E	F	G	H	
	AXLE 1 a	AXLE 2 b	AXLE 3 c	AXLE 4 d	AXLE 5 e	AXLE 6 f	AXLE 7 g	AXLE 8 h	TOTAL i
18. NUMBER OF TIRES	2	4	4	4	4	4			22
19. TIRE WIDTH (inches)	22	44	44	44	44	44			242
20. TIRE SIZE	1100 x20	1100 x20	1100 x20	1100 x20	1100 x20	1100 x20			
21. AXLE LOAD (empty)	2881	7922	7922	5672	5672	5672			36011
22. AXLE LOAD (loaded)	5281	14522	14522	10562	10562	10562			66011
23. AXLE SPACING (in feet 1/16 increments)	4 W/30G 98	8 W/30G 48	6 W/30G 100	4 W/30G 48	4 W/30G 48	4 W/30G 48	6 W/30G	8 W/30G	
24. REMARKS									

UMODPC



## DD Form 1266 -- Back (Cont)



24. REMARKS	
25. MOVEMENT BY HIGHWAY IS <input type="checkbox"/> ESSENTIAL TO NATIONAL DEFENSE <input type="checkbox"/> IN THE INTEREST OF NATIONAL DEFENSE	
26. REQUESTING AGENCY	27. APPROVING AGENCY

Block 24: Remarks



## DD Form 1266 -- Back (Cont)



24. REMARKS	
25. MOVEMENT BY HIGHWAY IS	
<input checked="" type="checkbox"/> ESSENTIAL TO NATIONAL DEFENSE	<input type="checkbox"/> IN THE INTEREST OF NATIONAL DEFENSE
26. ISSUING AGENCY	27. APPROVING AGENCY

Block 25: Movement by Highway is: (check one)

☒ Essential to National Defense

☒ In the Interest of National Defense





# DD Form 1266 -- Back (Cont)



Blocks  
26 & 28  
Requesting  
Agency

1. REQUESTING AGENCY 100th Trans Co (Lt Adm Trk)		2. APPROVING AGENCY	
3. REQUESTED BY a. NAME (Last, first, middle initial) b. GRADE c. TITLE		3. APPROVED BY a. NAME (Last, first, middle initial) b. GRADE c. TITLE	
4. DATES a. FROM b. TO		4. DATES a. FROM b. TO	
5. SUBJECT		5. SUBJECT	
<p><b>INSTRUCTIONS</b></p> <p>1. This form is to be used by the requesting agency to request the loan of equipment from the approving agency. The loan is subject to the following conditions:</p> <p>a. The loan is for a specific purpose and the equipment will be returned to the approving agency in the same condition as when it was loaned.</p> <p>b. The loan is for a period of 30 days, unless otherwise specified.</p> <p>c. The loan is for the use of the equipment only and not for the sale or disposal of the equipment.</p> <p>d. The loan is for the use of the equipment only and not for the sale or disposal of the equipment.</p> <p>e. The loan is for the use of the equipment only and not for the sale or disposal of the equipment.</p> <p>f. The loan is for the use of the equipment only and not for the sale or disposal of the equipment.</p> <p>2. The approving agency will be responsible for the maintenance and repair of the equipment during the loan period.</p> <p>3. The approving agency will be responsible for the insurance of the equipment during the loan period.</p> <p>4. The approving agency will be responsible for the transportation of the equipment during the loan period.</p> <p>5. The approving agency will be responsible for the storage of the equipment during the loan period.</p> <p>6. The approving agency will be responsible for the disposal of the equipment at the end of the loan period.</p> <p>7. The approving agency will be responsible for the return of the equipment to the approving agency at the end of the loan period.</p> <p>8. The approving agency will be responsible for the return of the equipment to the approving agency at the end of the loan period.</p> <p>9. The approving agency will be responsible for the return of the equipment to the approving agency at the end of the loan period.</p> <p>10. The approving agency will be responsible for the return of the equipment to the approving agency at the end of the loan period.</p>			

Blocks  
27 & 29:  
Approving  
Agency